

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

LEAD-FREE MALE X FEMALE LARGE-PORT BALL VALVE

T-900MxFNL and T-900MxF-TNL

Durable forged brass construction.

Space-saving male-by-female end connections are ideal for confined piping installations.

T-handle equipped models can be used as gauge-cock isolation valves, without the gauge face obstruction associated with a lever-handle equipped valve.

Bottom-loaded blowout-proof stem is a maintenance-free, dual O-ring seal design, eliminating the need to tighten a packing nut.

Improved PTFE seats and thrust washers provide enhanced sealing and isolation between the body and ball-stem-handle rotating assembly.

Available in sizes 1/8" to 1" equipped with a lever handle or T-handle.

Working Pressure, Non Shock (PSI)

Saturated steam (WSP): All sizes: 125 psi.

Cold Working Pressure (CWP): 1/8" to 3/4": 600 psi

1": 500 psi

MATERIAL SPECIFICATION

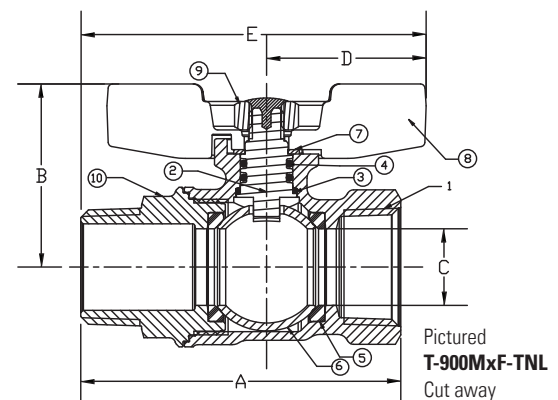
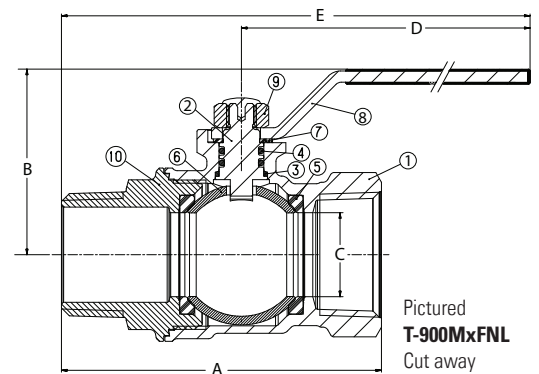
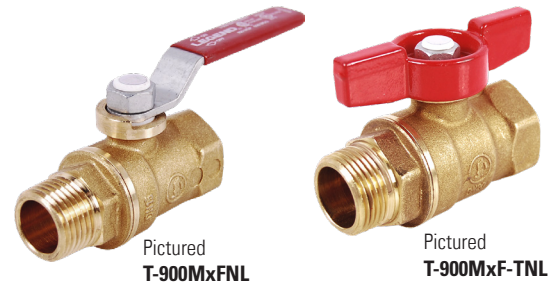
PART	MATERIAL
1 Body	Lead-free forged brass
2 Stem	Lead-free forged brass
3 Anti-friction thrust washer	PTFE
4 Stem O-ring (2)	Viton
5 Seat (2)	PTFE
6 Ball	Lead-free chrome plated forged brass
7 Anti-Friction Washer	Dacromet coated steel with vinyl sleeve
8 Handle	Aluminum
9 Handle Nut	Coated aluminum
10 End adapter	Lead-free forged brass

DIMENSIONS - T-900MxFNL

Size	A	B	C	D	E	CV†
1/8"	1.87	1.06	0.32	1.68	2.78	7
1/4"	1.95	1.06	0.32	1.68	2.86	7
3/8"	2.20	1.28	0.39	3.01	4.28	7
1/2"	2.50	1.33	0.50	3.01	4.46	11
3/4"	2.87	1.79	0.69	3.70	5.36	21
1"	3.37	1.96	0.89	3.70	5.60	41

DIMENSIONS - T-900MxF-TNL

Size	B (T-Handle)	D (T-Handle)	E (T-Handle)
1/8"	1.00	0.79	1.91
1/4"	1.00	0.79	1.99
3/8"	1.38	1.25	2.52
1/2"	1.42	1.25	2.69
3/4"	1.62	1.44	3.10
1"	1.80	1.44	3.34



Certifications / Listings:

Third-party certified

ANSI/NSF 61: Drinking water system components - Health effects.

Standards

ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch

†The CV Factor is the gallons of water per minute passed through the valve with a 1 PSI pressure drop